### ENVIRONMENTAL

# Fact Sheet



29 Hazen Drive, Concord, New Hampshire 03301 • (603) 271-3503 • www.des.nh.gov

WD-DWGB-16-5 2009

### 2006 Water Rate Survey – Larger Water Systems

The New Hampshire Department of Environmental Services performed a survey of some of the larger water systems in New Hampshire to gauge the cost of water service across the state. Although not a substitute for a comprehensive cost of service and rate analysis, the survey provides water systems with a general perspective of how their rates compare with similar water systems.

One hundred fourteen of the 128 water systems polled responded to the **2006 Water Rate Survey** questionnaire. The systems surveyed typically serve a residential population of over 500 people, provide fire flow capability, and generally are municipally owned.

The average annual price of water for a single family home in New Hampshire was \$434. Fifty percent of the water systems that responded classified their rate structure as constant. Inclining (11%) and declining (11%) rounded out the majority of responses. On average, rates were last modified four years ago and 39 water systems anticipated a rate increase in 2007.

Beyond the cost of water service, the survey also included questions about billing frequency, connection fees, availability charges, capital reserve accounts, and many other questions related to financial management. The **2006 Water Rate Survey Questionnaire** (Appendix A) provides a complete list of the questions in the survey. A summary of results may be found at **Summary of New Hampshire 2006 Water Rates** (Appendix B). The summary utilized data codes to that are defined in the document **Data Codes in the Tabular Summary** (Appendix C).

In addition to the large systems, many very small community systems serving mobile home parks, condominiums, and single family home developments in rural areas of New Hampshire responded to the survey. These systems are generally privately owned and/or part of a homeowner cooperative and do not have fire flow capability. A separate rate summary for these systems is available in DES fact sheet WD-WSEB-16-6.

DES assumes no responsibility for the accuracy of the data as originally reported by the water systems. Should you encounter an error in the data please call (603) 271-6685 so that it may be corrected.

### For Additional Information

Please contact the Drinking Water and Groundwater Bureau at (603) 271-2513 or <a href="mailto:dwgbinfo@des.nh.gov">dwgbinfo@des.nh.gov</a>, or visit www.des.nh.gov, click on A to Z List and choose Drinking Water and Groundwater Bureau.



### 2006 NH Large System Water Rate Survey

System Name:			Town:	
Contact Person:			Telephone:	
			Email:	
		<u> </u>		
INTRODUCTION: A	Answers should refl	ect the rates for WATER ONI	LY as of <b>Decem</b>	ber 31, 2006.
gallons / year)? NOT! charges not directly as	E: This response shaciated with the co	nould <b>exclude</b> operational and cost of the <b>water</b> system. Costs operational costs and the prorat	capital charges f that should be <b>i</b>	ming usage of 275 gpd (100,375 For sewer or fire department or other ncluded are the costs of debt service d administrative or other staff and
2. What is your "mini	mum" billing for a	n active service connection? An	nswer: \$ p	per year
3. Based on residentia per day	l connections only	v, what is your average daily pe	er capita water u	se? Answer: gallons per capita
☐ = Declining block ra ☐ = Constant block ra ☐ = Increasing block ☐ = Fixture rate (Each ☐ = Single fee regard ☐ = Other (please de	rate with increasing ate with increasing rate with increasing rate with increasing h water use fixture less of usage (i.e. uscribe):	g water usage (billing rate decli water usage (billing rate is state g water usage (billing rate incre is assigned points; billing is ba inlimited usage; for a single fix	nes with higher ble regardless of eases with highe used on summati and, standard fee	Evolume used) er usage) on of points)
Volume Consum	ed (gallons)	Price (dollars)		Percent of Connections
Example: 0	- 2,000	Example: \$3.00 / 1,000 g	gallons	Example: 82%
Example: >	2,000	Example: \$5.00 / 1,000 g	gallons	Example: 18%
<b>6.</b> Do you have differe	nt rate structures fo	or different classes of customer	s? Yes 🗌 N	No (i.e. residential, industrial, etc.)
7. Do you institute a se	easonal rate structu	re during times of peak demand	d? Yes 🗌 N	No 🗌
8. How long ago (in ye	ears) did you last ha	ave a rate change? Answer:	years ago	Increased Decreased
9. Are you anticipating	g a rate change in 2	007? No Yes, Increase	Yes, Decreas	se
10. How often do you	bill <b>customers</b> for	water service and are you cons	idering increasii	ng the billing frequency?
Type of Con	nection	Billing Periods / Ye	ar	Increasing Frequency (yes/no)
Residen	tial			Yes No
Industr	ial			Yes No
Commer	cial			Yes No
Institutio	onal			Yes No
Other (spe				Yes No

11. Has the billing function been s	ubcontracted	to an outside	private company? Yes	No											
12. Approximately what percentage of your residential customers have meters? %															
13. Approximately what percentage of your industrial/commercial/institutional customers have meters? %															
15. How often do you calibrate/rep	lace meters (	in years), and	what is the fee if applicable	?											
Meter Size (inches)	Tes	ting/Replace	Frequency (years)	Fee (dollars / calibration	on)										
<1"															
1-2"															
2-4"															
4-6"															
>6"															
-Other Questions Related to Financial Assessment-															
<b>16a.</b> Is any portion of the expenses attributable to water system debt service or operational costs funded by a tax on real estate?	Yes 🗌	No	16b. If yes, what is the estimated tax rate PER \$1,000 VALUATION attributed to the water system?	Answer: \$											
<b>17a.</b> Do you have a capital reserve account?	Yes 🗌	No	<b>17b.</b> If yes, what is the average contribution PER YEAR?	Answer: \$											
17c. Is any portion of a real estate tax used to fund the capital reserve account	Yes 🗌	No	<b>17d.</b> What percentage of capital reserve account is funded by a tax on real estate?		%										
<b>18a.</b> Do you charge for installing the house service?	Yes 🗌	No	<b>18b.</b> If yes, what do you charge? The cost stated should be that for a typic single family home.	al Answer: \$											
19a. Do you have a "Connection" or "Impact" fee, OVER AND ABOVE the actual cost of installing the house service?	Yes 🗌	No	19b. If yes, what is that for Please give the fee that is addition to installing hou service for a typical single family home	in se Answer: \$											
<b>20a.</b> Do you have an "availability" charge? <b>Note:</b> Such a charge would be for a buildable lot that presently has no building but abuts an active water main?	Yes 🗌	No	<b>20b.</b> If yes, what is the availability charge PER VACANT LOT PER YEAR?	Answer: \$											
<b>21a.</b> Do you have a special charge for hydrant maintenance?	Yes 🗌	No	<b>21b.</b> If yes, what is the charge PER HYDRANT PER YEAR	Answer: \$											

<b>22a.</b> Do you have a charge for water shut off and/or water turn on?	Yes 🗌	No	<b>22b.</b> Do you charge individually for turn on and turn off or is it a combined fee?	Individually  Combined Fee
<b>22c.</b> If charged individually, what is the charge per occurrence?	Water Turn C Water Shut C	•	<b>22d.</b> If a combined charge, what is that fee?	Answer: \$
<b>23a.</b> Is there a surcharge for after hours maintenance fees?	Yes 🗌	No	<b>23b.</b> If yes, what is that surcharge?	Answer: \$
<b>24a.</b> Does water system test backflow devices for compliance using water system personnel?	Yes 🗌	No	<b>24b.</b> If yes, what is the average fee PER DEVICE?	Answer: \$
<b>25a.</b> Does the utility contract out the testing of backflow devices to a single utility sanctioned contractor?	Yes 🗌	No	<b>25b.</b> If yes, what is the average fee PER DEVICE?	Answer: \$
<b>26a.</b> Is it the responsibility of each service customer to test backflow devices and hire independent testers?	Yes 🗌	No	<b>26b.</b> If yes, what is the average fee PER DEVICE?	Answer: \$
<b>27a.</b> Do you charge for thawing a frozen water service line? <b>Note:</b> This applies only to the area between the curb stop and building	Yes 🗌	No	<b>27b.</b> If yes, what is that fee per thaw?	Answer: \$ Or ☐ Time and Materials
<b>28a.</b> Is there a charge paid by customers having private fire sprinkler protection?	Yes 🗌	No	<b>28b.</b> If yes, which of the following is that fee based on?	service line size count of sprinkler heads none of these
<b>28c.</b> If based on service line size, please provide the fees for the following service line pipe sizes	4" = \$ 6" = \$ 8" = \$	per year per year per year	<b>28d.</b> If based on count of sprinkler heads, what is that fee PER SPRINKLER HEAD PER YEAR?	Answer:\$
<b>29.</b> Do you have any comments of	or are there any	other question	ns that you would like to see on	future surveys?

SYSTEM NAME	Q1	Q2	Q4 Q6	Q7 Q8	Q9 Q10 RES	Q11 Q12 Q	13 Q14	Q15 <1" FREQUENCY	Q15 <1" PRICE	Q16A Q16B	Q17A	Q17B	Q17C Q17D	Q18A	Q18B Q	19A Q19B Q2	DA Q20B Q	Q21A Q21B	Q22A Q22	Q22C TURN ON	Q22C TURN OFF	Q22D Q	23A Q23B	Q24A Q24B Q2	25A Q25E	B Q26A	Q26B Q	27A Q27B	Q28A Q28B		28C Q28C Q2
ALTON WATER WORKS ANTRIM WATER AND SEWER DEPARTMENT	\$975.00 \$468.32	\$117 12	DR N	N 1 I	4 N	N				N	N		N	N	N	N	N		N			N		N N		N	N.				
AQUARION WATER COMPANY OF NEW HAMPSHIRE		\$125.56	CB N	N 1 I	N 4 Y	N 100 100	DC DC	10		N	N		N	N	N	N	Y	\$1,253	Y IN	\$15	\$15	Y	\$75	Y \$75 Y	\$75	N	N	- IN	SI	\$504 \$1.2	202 \$2,138
ASHLAND WATER DEPARTMENT	\$442.45	\$60.00			I N 12, N			AN		N	Y		N	N	N	N	N	01,200	Y IN	\$30	\$30	Y		N Y	\$45	N	N	N	OL.	<b>\$001</b>	202 02,100
BARTLETT VILLAGE WATER PRECINCT			IB Y	N 2, I	Y, I 3, N	N 100 100	HS,DC	12	\$0	N	Υ	\$2,000	N	N	Y	\$3,000 N	N		Y IN	\$25	\$25	N	,	Y N		N	Υ	L&M Y	NT		
BELMONT WATER DEPARTMENT	\$320.79	\$110.00	CB N	N 1, I	N 4, N	N 99 100	) HS	5	\$0	N	Υ	\$10,000	N	Υ	\$1,500 N	N	Y	\$200	Y IN	\$45	\$45	Y	\$20	N Y	\$250	N	N	Y	SH		\$0
BENNINGTON WATER DEPARTMENT BERLIN WATER WORKS	\$250.00 \$722.68					N 100 100		AN	\$0	N	Y	\$8,000	Y 100	Y	\$500 N	N	N		Y CF		\$35 \$20	N	\$150	N N N N N S50 N		N	N	\$150 Y			en
BETHLEHEM VILLAGE DISTRICT	\$353.00	\$100.20	DB I	IN 9, I	14 4, 14	N 99 100	J DC	AIN		IN	IN		IN	IV	IV.	IN.	IN		1 IIV	\$20	\$20		\$150	1 930 14		IN	<del></del>	\$130 I	ЭП		\$0
CAMPTON VILLAGE PRECINCT	\$493.00	\$192.00	CB Y	N 15. I	N 4. N	N 100 100	HS.DC			N	Υ	\$2,000	N	Υ	\$480 N	N	Y	\$150	Y IN	\$35	\$35	N		N Y	\$45	Y S	645 Y	L&M Y	NT	\$400 \$40	00 \$400
CANAAN WATER DEPARTMENT		\$204.00	DB N	N 17, I	Y, I 4, N	N 87 100	DC DC	3		N	Y	\$0	N	Υ	\$100 Y	\$200 Y	\$80 N		Y CF	7.7	\$	20 N	,	Y \$0 N		N	N	N			
CENTRAL HOOKSETT WATER PRECINCT	\$250.94	\$80.00	CB N	N 1, I	N 4, N	N 100 100	HS,DC	10	\$0	N	Υ	\$50,000	N	Υ	\$150 Y	\$3,000 N	Y	\$310	Y CF			50 N	,	Y \$50 N		N	Y	L&M Y		\$340 \$62	20 \$740
CHARLESTOWN WATER SYSTEM		\$100.00	CB N	N 11, I	Y, I 2, N	N 100 100	DC,RA	AN	\$30	N	N		N	Υ	\$300 Y	\$750 N	N		Y IN	\$10	\$10	Y	\$120			Y \$	\$60 N	N			
CITY OF CONCORD GENERAL SERVICES	\$263.65	\$5.91	DB N	N 4, I	N 12, N	I N 100 100	RA,TE	17		N	N		N	Υ	Y	\$694 N	Y		Y CF		\$	46 Y	\$145	Y \$47 N		N	Y	L&M Y	SL	\$53 \$12	20 \$214
CITY OF DOVER WATER DEPARTMENT CITY OF KEENE	\$486.00 \$413.86	\$88.24			V I 4 N		DC.RA	10	\$102	N	v	\$385,000	N	V	\$42 N	N	NI.		V IN	1 0 8 4	LONA	V	\$85	M M		v	- NI		CI	\$22 \$50	00 \$888
CITY OF ROCHESTER	\$462.30		CB N	N 1 I	Y I 4 N	N 99 99 N 98 100	DC,RA	AN		N	N	\$365,000	N	N	942 N	N	N		Y IN	\$30	\$30	Y	\$65 I	Y L&M N		Y	Y	I &M N		φ22 φ30	0000
CLAREMONT WATER SYSTEM	\$335.48		DB N	N 7.1	N 2. Y	N 96 98	DC	12.5	\$150		Y	\$7,069	N	Y	\$35 Y	\$410 N	Y	\$150	Y IN		\$35	Y	\$105			Y	N	Y		\$150 \$30	00 \$450
COLEBROOK WATER WORKS	\$308.00						F	1				4.,000		i i							7		7					-			7
CONTOOCOOK VILLAGE PRECINCT	\$1/3.56	\$50.00	DB N	N 19, I	Y, I 2, N	N 100 100	DC DC	15	\$0	Y \$1.25	Υ		Y	N	Y	\$700 N	N		N			N		N N		N	N	N'			
CONWAY VILLAGE FIRE DISTRICT						N 99 100				N	Υ	\$7,500	N	Υ	L&M Y	\$1,000 N	N		Y IN	\$30	\$30	Υ	\$45			Υ	Y	L&M Y	NT		
DERRY WATER SYSTEM						Y 100 100		10	\$0	N	N		N	N	Y	\$1,340 N	Y	\$656	Y IN	\$18	\$18	Y	\$100	Y \$42 N		Υ	Y	L&M N			
ENFIELD WATER DEPARTMENT	\$663.57	\$137.60	CB N	N 2, I	Y, I 4, N	N 100 100	HS,DC	12.5	\$0	N	Y	\$10,000	N	N	Y	\$1,650 N	Y	\$18,000	Y IN	\$25	\$25	N		N Y		N	Y	L&M Y	SL	\$64 \$96	\$128
EPPING WATER AND SEWER DEPARTMENT	\$223.00	0400.00	00 N				00.04	***	00						0500 11					005	005										
EPSOM VILLAGE WATER DISTRICT EXETER WATER DEPARTMENT	\$637.41 \$580.78				N 4, N		DC,RA	AN	φU	N	T NI	\$0	IN N	Y N	\$500 N	\$300 N	N	\$140	Y IN		\$25	N		N N	_	N	N	I &M N			
FARMINGTON WATER DEPARTMENT			CB N	N E I	4, N	V 400 400		10	sn.	N N	V	\$20,000	N N	N	Y	\$300 N \$2,910 N	Y	\$140	Y IN	\$35 \$15	\$35 \$15	Y N		Y \$30 N		N P	\$70 V	L&M N			
FRANCONIA VILLAGE WATER	\$320.00	ψ0.00	OB IN	J, I	Y, I 4, N	Y 100 100	, rva	20	ψU	IN .		ψευ,υυυ	.,	14	T T	\$2,810 N	IN		, IIV	ψIU	910	IN		N N		1 3	***	LOUVI IN			
FRANKLIN WATER WORKS		\$100.00	CB N	N 1. I	Y, I 4. N	N 100 100	DC.RA	20	\$50	N	Υ	\$150,000	N	N	Y	\$2,500 N	N		Y IN	\$30	\$30	Y	\$20	N N		Υ	N	Y	SL	\$150 \$30	00 \$500
FREEDOM WATER PRECINCT	\$475.00		TÜ		1 1	100	.,,								i i													نا سیاک		700	
GOFFSTOWN VILLAGE PRECINCT	\$408.00	\$220.00	CB N	N 0.5, I	N 4, N	N 99 100	DC	12.5	\$0	N	Υ	\$3,000	N	N	Y	\$1,500 N	Y	\$375	Y CF			30 Y	\$30	N N		Y \$	65 Y	L&M Y	SL	\$150 \$20	00 \$250
GORHAM WATER & SEWER DEPARTMENT	\$410.00		CB N	N I	N 4, N	N 100 100				N	Υ	\$50,000	N	Υ	L&M N	N	Y	\$100	Y CF			35 N	,	Y \$35 N		N	Υ	L&M Y		\$256 \$70	02 \$1,044
GRASMERE VILLAGE WATER PRECINCT	\$328.00	\$160.00	DB N	N 3, I	Y, I 4, N	N 99 100	) HS	10		N	Υ	\$10,000	N	Υ	L&M Y	\$743 N	Y	\$350	Y CF		\$	25 N		N Y	\$50	N	Υ	L&M Y		\$160 \$16	
GREENVILLE WATER	\$652.44	\$120.98	FR N	N 2, I	N 2, N	N 100 100 N 100 100	) HS	10	\$0	Y \$13.98	Υ	\$16,000	Y 100	Υ	\$1,400 N	N	N		Y IN	\$50	\$50	Υ		N N		Υ	Υ	\$160 Y		\$400 \$40	00 \$400
GROVETON WATER AND LOST NATION		\$221.00	SF N	N 1, D	Y, I 2, Y	N 100 100	DC	AN		Y \$0.80	N		N	Υ	Y	\$50 N	N		Y IN	\$50	\$50	N	1	Y N		Υ	Υ	\$50 N			
GUNSTOCK ACRES VILLAGE DISTRICT HAMPSTEAD AREA WATER COMPANY	\$260.00 \$597.85	£100.00	CD N	NI 4 I	NI 4 N	N 100 100	) DA	12.5		N	N		N	V	\$3,000 N	k-		\$200	Y IN	\$45	\$45			M .		V		L&M Y	CI	\$600 \$1,5	E00
HAMPSTEAD AREA WATER COMPANY HAMPSTEAD AREA WATER COMPANY / WALNUT RIDGE	\$597.85 \$597.85	\$100.00 \$100.00			N 4, N			12.5		N N	N		N N	T V	\$3,000 N	N N	Y	\$200	Y IN Y IN	\$45	945 845	Y		N N		T V	Y V	L&M Y		\$600 \$1,5 \$600 \$1,5	500
HANCOCK WATER WORKS						N 0 0		12.5		N	V		N	V	\$100 N	N	N N	\$200	Y IN	\$100	\$40	N N		N N		N	N N	Louvi I		\$000 \$1,	300
HANOVER WATER WORKS COMPANY	\$531.00	\$189.00	CR N	N O I	N 4 N	N 100 100	HS DC RA	10	so.	N	N		N	N	N N	N	Y	\$1,685		\$100	\$10	Y	\$48	Y \$0 N		N	Y	L&M Y			\$1
HILL WATER WORKS	\$492.00	\$492.00	SF Y	N 1. I	N 12. N	N 100 100	DR.	10	<b>90</b>	N	Y	\$1,000	Y 100	N	Y	\$500 N	Ý	\$25	Y IN Y CF	910	910	50 N	\$-10	N N		N	N	LOUVI I	011		31
HILLSBOROUGH WATER WORKS	\$502.35	\$100.00	IB N	N 3, I	Y, I 2, Y	N 100 100	DC DC		\$75	Y	Y	**,000	N	N	Y	\$2,500 N	N	7-0	Y CF		9	550 N		N Y	\$35	Y	N	Y	NT		
HINSDALE WATER	\$369.05	\$88.00	CB N	N 1, I	4, N	N 100 100 N 99 100	)			N	Y		N	Y	L&M Y	\$1,500 N	N		Y IN	\$20	\$20	Y	L&M I	N N		Y	Y	Y	NT		
HOOKSETT VILLAGE WATER PRECINCT	\$180.00																														
HOPKINTON VILLAGE PRECINCT	\$425.00	\$300.00	FR N	N 0.5, I	N 4, N	N 0 0				N	N		N	Υ	L&M Y	\$700 N	N		Y CF		\$	15 N		N N		N	N	N			
JACKSON WATER PRECINCT						N 100 100				Y \$2.42		\$10,000	Y 80		\$300 Y	\$1,000 N	Y		Y IN		\$50	N		N N		Υ	N	Y		\$128 \$19	92
JAFFREY WATER WORKS  LACONIA WATER WORKS						N 100 100		0		Y \$0.14	N		N	Y	\$1,000 Y	\$479 N	N	6404		\$20	\$20	Y	1 014	N N		Y	Y			C4F C40	24 6400
LANCASTER WATER DEPARTMENT	\$214.32 \$391.00	\$120.00	DB V	N 1.5, I	T, I 4, IN	N 100 100	RA, IE, UI	9		N N	V		N	N N	NI NI	\$489 N	T NI	\$131	Y IN	\$30	\$30 eng	N	Louvi	N \$35 N		N	N N	L&M Y		\$45 \$10	04 \$186
LEBANN WATER SYSTEM	\$376.00	\$78.00	CB N	N 5 I	N 4 N	N 100 100 N 99 100	DC DC			N N	Y	\$300,000	N	Y	\$1.150 Y	\$750 N	V Y	\$783	Y IN	\$25 \$125	\$25 \$125	N		Y \$50 N		N	Y	L&M Y		\$295 \$86	32 \$1 352
LISBON WATER DEPARTMENT						N 95 90				Y \$25,000.00	N	φουσ,σου	N	N	V .,100 I	N	N	0.00			\$50	N		N Y	\$35	N	Y			<b>\$200</b>	φ1,002
LITTLETON WATER AND LIGHT DEPARTMENT	\$292.54	\$66.00	CB N	N 3.1	N 12. N	I N 100 100	DC		\$0	N	N		N	Υ	\$250 Y	\$500 N	Y	\$64	Y IN	\$25		Y	\$45	Y \$25 N		N	Y	L&M Y	NT	\$66 \$66	6 \$66
LOWER BARTLETT WATER PRECINCT	\$510.75	\$60.00	CB N	N 3, D	N 2, N	Y 67 100 N 100 100	DC DC	AN	\$0	Y \$1.25	N		N	N	Y	\$3,500 N	N		Y CF		\$	575 Y	\$26	N Y	\$50	Y \$	\$50 Y	L&M N			
MANCHESTER WATER WORKS	\$256.00	\$86.28	DB N	N 1, I	N 4, N	N 100 100	DC,RA	10	\$0	N	N		N	Υ	\$930 Y	\$765 N	N		Y IN	\$10	\$10	Υ	\$100	Y \$18 N		N	Y	L&M Y	SL	\$162 \$46	59 \$1,000
MARLBOROUGH WATER WORKS	\$352.00	\$65.00	IB Y	N	N 4, N	N 92 100	DC,RA			N	Υ		N	Υ	L&M N	N	N		N			N		N N		Y	Y	N			
MEREDITH WATER DEPARTMENT	\$288.00																														
MERIDEN VILLAGE WATER DISTRICT MERRIMACK VILLAGE DISTRICT		\$280.00 \$44.00	SF Y	N 1, I	Y, I 4, N Y, I 4, N	N 0 0 N 96 100	D. D.	ANI		N	Y		N	N	Y	\$750 N \$800 N	Y	\$100	Y IN	\$50	\$50	N	\$195	N N N N N S45 N		N	Y	L&M N \$65 Y		\$260 \$58	04 040
MILFORD WATER DEPARTMENT	\$245.85					N 100 100	) HS	10	sn.	N	V	\$92,750	N	V	\$50 Y	\$791 N	V	\$250	Y IN	\$20	\$20	NI	\$190	V N		N	- V	L&M N		\$200 \$30	34 \$1,040
MILTON WATER DISTRICT	\$306.00	\$306.00			N 2. N		OT	10	90	N	Y	ψ32,730	N	N	900 I	\$1,000 N	Y	\$100	Y CF	920	920	25 N		Y \$40 N		Y	Y	L&M N			
NEW CASTLE WATER WORKS						Y 100	HS,DC	10		N	N		N	N	N	N	N	7	Y CF		9	20 N		N Y	\$50	Y	Y	L&M N			
NEW HAMPTON VILLAGE PRECINCT	\$1,000.00																														
NEW LONDON SPRINGFIELD WATER SYSTEM	\$250.00	\$90.00	IB Y	N 1, I	Y, I 2, N	N 100 100	DC DC			Y	N		N		\$750 Y	N	Y	\$250	Y IN	\$20		Y		Y \$45 N		N	Y	L&M Y	NT		
NEWFIELDS VILLAGE WATER AND SEWER		\$54.60			Y, I 4, N					N	Υ	\$10,000	N		\$500 N	N	Y	\$1,300		\$65	\$65	N		N N		Υ	Y	L&M N			
NEWMARKET WATER WORKS	\$509.68					N 98 100	DC,RA	AN	\$50	N	Υ	\$150,000	N	Υ	\$125 Y	\$1,000 N	N		Y IN	\$25	\$25	Υ	\$120	N Y	\$40	N	N	N			
NEWPORT WATER WORKS NORTH CONWAY WATER PRECINCT	\$487.82	\$43.74			N 3, N	N 99 100 N 100 100	) DC	16	L&M	N \$0.92	IN V	\$50,000	N N	Y	\$525 Y \$1.500 Y	\$1,000 N \$580 N	N		N Y CF			N 50 Y	\$45	Y \$25 N Y \$35 N		N	N	I &M Y	NT SI	\$250 \$32	DE BEOO
NORTH CONWAY WATER PRECINCT NORTH HAVERHILL WATER AND LIGHT	\$280.00 \$476.00	φ10U.UU	UB Y	IN 5, I	N 4, N	N 100 100	) DC	10	LOUVI	1 \$0.92	r	φου,υυυ	IN	T	φ1,0UU Y	N Voce	N		ı CF		3	OU Y	\$45 Y	1 \$35 N		IN	Y	Low Y	δL	φ∠ου \$32	20 \$00U
NORTH STRATFORD WATER		\$80.00	IB N	N RI	N 4 N	N 100 100	n DC	10	\$75	N	Y	\$8,000	N	N	v	\$1,000 N	NI.		Y IN	\$50	\$50	NI.	- 1,	N V	\$20	N	NI	-			
NORTH STRATFORD WATER  NORTH SWANZEY WATER AND FIRE PRECINCT	\$407.00	200.00	15 H	0,1	7, 19	. 100 100						-0,000	**	1		Ç.,500  N	IN		. 108	400		14			ΨΖυ	-					
NORTH WALPOLE VILLAGE		\$120.00	IB Y	N 8, I	N 2, N	N 100 100	HS,RA	15		Y	Υ		N	Υ	\$500 N	N	N		Y IN	\$25	\$25	N		N N		N	Y	L&M N			
NORTHUMBERLAND	\$338.00																														
OSSIPEE WATER	\$680.00				N 4, N		DC DC			Y	Y		N	Υ	\$350 N	N	Y	\$400	Y IN	\$25	\$25	Y	\$75	N Y	\$50	N	Y	L&M Y	NT		
PARADISE SHORES	\$760.02	\$310.48			N 4, N		DC	2		N	N	050.0	N	Υ	L&M N	N	N		Y IN	\$30	\$30	Y		N N		N	Υ	L&M N		0011	
PEMBROKE WATER WORKS	\$171.45		CB N	N 3, I	N 4, N	N 99 100	HS,DC,R	AN		N	Y	\$56,000	N	Y	\$2,500 Y	\$750 N	Y	\$156	Y IN	\$15	\$15	Υ	\$120	Y \$30 N		N	Y	L&M Y	SL	\$241 \$40	07 \$666
PENACOOK BOSCAWEN WATER PRECINCT		\$80.00	CB N	N 3,1	Y, I 4, N	N 100 100	DC,RA	12	60	N	Y N	\$15,000	N	Y	\$1,000 Y	\$9,000 Y	\$80 N	2040	Y IN	\$15	\$15	N		Y \$10 N		N ^	N N	Y	NI	2710 211	602 62.050
PENNICHUCK EAST UTILITIES / LONDONDERRY	\$024.36	\$186.06	CB N	N 3, I	T, I 12, N	N 100 100	) RA	9	ş0 S0	N N	N		N N	N	N N	N N	Y	\$242	Y IN	\$20	9U 80	Y		Y \$40 N Y \$40 N	_	T \$	50 Y	L&M Y		\$712 \$1,6	
PENNICHUCK EAST UTILITIES / LONDONDERRY PENNICHUCK EAST UTILITIES / WILLIAMSBURG	\$824.36	\$186.96	CB N	N 3,1	T, I 12, N	N 100 100 I N 100 100	) RA	8	\$0	N	N		N	N	N N	N N	Y	\$242 \$242	Y IN Y IN	\$28 \$28	\$0	V	,	Y \$40 N Y \$40 N			\$50 Y \$50 Y	L&M Y		\$712 \$1,6 \$712 \$1,6	603 \$2,850
PENNICHUCK WATER WORKS						N 100 100		8	\$0	N N	N		N N	N	NI NI	NI NI	V	\$134	Y IN	\$28	\$0	Y		Y \$40 N			\$50 Y	L&M Y		\$343 \$57	
PENNICHUCK WATER WORKS / AMHERST VILLAGE DISTRICT	\$434.23	\$157.80	CB N	N 1 I	Y I 12 N	I N 100 100	DC RA	8	\$0	N	N		N	N	N	N	V	\$134	Y IN	\$28	\$0	Y	,	Y \$40 N			\$50 Y	L&M Y		\$343 \$57	
PENNICHUCK WATER WORKS / BON TERRAIN	\$434.23	\$157.80	CB N	N 1.1	Y, I 12. N	N 100 100	DC.RA	8	\$0	N	N		N	N	N	N	Y		Y IN	\$28	\$0	Y		Y \$40 N		Y	\$50 Y	L&M Y	SL	\$343 \$57	
PENNICHUCK WATER WORKS / CABOT PRESERVE	\$434.23	\$157.80	CB N	N 1, I	Y, I 12, N	N 100 100	DC,RA	8	\$0	N	N		N	N	N	N	Y	\$134 \$134	Y IN	\$28	\$0	Y	,	Y \$40 N Y \$40 N		Y S	\$50 Y \$50 Y		SL	\$343 \$57	76 \$848
PETERBOROUGH WATER WORKS	\$539.72	\$121.76	CB N	N 1, I	N , N	N 100 100 N 100 100 N 100 100	DC DC	10	\$0	N	Υ		N	N	Y	N	Y	\$180	Y IN	\$30	\$30	Y	,	Y \$50 N		N	Y	L&M N			
PITTSFIELD AQUEDUCT COMPANY	\$566.07	\$123 24	CB N	N 4 I	N 112 N	I N 1100 1100	) RA	8	\$0	N	N		N	N	N	N	Y	\$679		\$28	\$0	Υ		Y \$40 N			\$50 Y	L&M Y		\$644 \$1,8	
PITTSFIELD AQUEDUCT COMPANY / LOCKE LAKE	\$566.07	\$123.24	CB N	N 4, I	N 12, N	N 100 100 N 99 100	RA	8	\$0	N	N	050.0	N	N	N	N	Y	\$679	Y IN	\$28 \$35	\$0	Υ		Y \$40 N		Y \$	\$50 Y		SL	\$644 \$1,8	847 \$3,922
PLYMOUTH VILLAGE WATER AND SEWER DISTRICT PORTSMOUTH WATER WORKS	\$441.65	\$158.40	CB N	N 1, I	Y, I 4, N	N 99 100	J DC,RA			N	Y	\$50,000	N	N	Y	\$1,500 N	N		Y IN	\$35	<b>\$</b> 35	Υ	\$68	Y \$50 Y	\$50	N	Y	\$50 Y	NT		
PORTSMOUTH WATER WORKS RARMOND WATER DEPARTMENT	\$352.00	£24£ 00	ID N	NI 4 I	NI 4 N	N 100 100	LIE DO	10	60	N	V	\$50,000	N	N		\$1.825 N		\$450	Y IN	\$25	ene		\$75	Y \$0 N		V		L&M Y	NT		
	\$394.50	\$220.00	IB N	N 2 I	N 4, N	N 100 100	HS DC		φU	N N	r N	φου,υυυ	N N	IN V	\$280 V		Y				\$25	Y N	a/5	ı şu N	_	T V	Y				
ROLLINSFORD WATER & SEWER ROSEBROOK WATER COMPANY	\$545.50	\$140.00	IB N	N 7 D	1, 1 4, N	N 100 98 N 100 100 N 100 100	HS DC	AN		N	Y	\$15,000	N	N	φ∠0U Y	\$750 N	Y NI	\$160	Y IN Y IN	\$50 \$25	φυU	N		N V	\$1,50	0 N	NI NI	L&M Y	NT		
RYE WATER DISTRICT	\$173.00	\$85.00	IB V	N A I	N 4 N	N 100 100	DC		\$50	Y \$0.48	Y	\$5,000	Y 48	N	IN V	\$125 N	IN N		Y CF	920		15 N		Y \$25 N	φ1,50	Y	N N	N N			
SALEM WATER	\$400.00	\$23.20	CB N	N 1 I	Y   4 N	Y 100 100	DC DC			1 \$0.46 N	N	ψυ,υυυ	N 40	Y	\$120 Y	\$125 N	N N			\$15	\$15	Y CI		Y \$40 N		N	N				
						N 100 98		15		N	Υ	\$20,000	N		\$180 Y	\$1,200 Y	\$100 N		Y IN		\$25	N	,	Y \$0 N		N	Y	L&M N			
SANBORNVILLE WATER DEPARTMENT	\$526.00							+-			_	. ==,=00				7.,200	Ţ.50 N			1			_	7-2 19							
SANBORNVILLE WATER DEPARTMENT SOMERSWORTH WATER WORKS	\$526.00 \$295.00																							1 1		l l					
SANBORNVILLE WATER DEPARTMENT	\$526.00 \$295.00 \$930.01	\$366.41	CB N	N 1, I	N 4, N	N 0				N	N		N	Υ	L&M N	N	N		Y IN	\$30	\$30	Y		N N		N	Y	L&M N			
SANBORNVILLE WATER DEPARTMENT SOMERSWORTH WATER WORKS SUISSEVALE SUNAPEE	\$295.00 \$930.01	\$366.41	CB N	N 1, I	N 4, N	N 0 100 100	DC DC	10	\$0	N N	N N		N N		L&M N \$200 Y	\$1,000 N	N Y	\$163		\$30	\$30	Y	\$90	N N	\$50	N N	Y				
SANBORNVILLE WATER DEPARTMENT SOMERSWORTH WATER WORKS SUISSEVALE SUNAPEE SWANS LAKE VILLAGE DISTRICT	\$295.00 \$930.01 \$762.80 \$307.00	\$366.41 \$280.00	CB N	N 1, I N 1, I	N 4, N Y, I 2, N	N 0 N 100 100		10	\$0	N N			N N			\$1,000 N	N Y	\$163	N		\$30	Y			\$50	N N	Y	L&M N			
SANBORNVILLE WATER DEPARTMENT SOMERSWORTH WATER WORKS SUISSEVALE SUNAPEE SWANS LAKE VILLAGE DISTRICT TILTON & NRTHPIELD AQUEDDUCT COMPANY	\$295.00 \$930.01 \$762.80 \$307.00	\$366.41 \$280.00	CB N	N 1, I N 1, I	N 4, N Y, I 2, N	N 0 N 100 100				N N	Υ	\$50,000	N N	Y	\$200 Y	Y	N Y		N			Y Y				Y	N	L&M N			\$5
SANBORNVILLE WATER DEPARTMENT SOMERSWORTH WATER WORKS SUISSEVALE SUNAPEE SWANDS LAKE VILLAGE DISTRICT	\$295.00 \$930.01 \$762.80 \$307.00 \$713.41 \$286.00	\$366.41 \$280.00 \$100.16 \$80.00	CB N CB N CB N	N 1, I N 1, I N 6, I N 10,	N 4, N Y, I 2, N N 4, N 4, N	N 0	) HS	10	\$30	N N	Υ	\$20,000	N N N N N N N N N N N N N N N N N N N	Y Y Y	\$200 Y	Y \$60 N	N Y N Y	\$10,000	Y IN Y IN	\$10 \$32	\$30 \$32 \$40	Y Y	\$70			N N Y N N N	N Y	L&M N	SH NT	\$100 \$10	\$5 00 \$100

SYSTEM NAME	Q1	Q2	Q4	Q6 Q7	Q8 (	Q9 Q10 RES	Q11	Q12 C	13 Q14	<1" FREQUENC	<1" Y PRICE	Q16A	Q16B	Q17A	Q17B	Q17C	Q17D Q18	Q18	8B Q19	A Q19B	Q20A Q20E	Q21A	Q21B	Q22A Q	22B Q2		Q22C URN OFF	Q22D	Q23A Q	3B Q24	IA Q24B	Q25A	Q25B	Q26A	Q26B Q27	'A Q27B	Q28A	Q28B	Q28C Q28	8C Q2	28C 8"	28D
TOWN OF HUDSON WATER UTILITY	\$571.00	\$128.28	СВ	Y N	10, D N	12, N	I N	100 10	0 DC	10	\$0	N		Υ	\$135,000	N	Y	\$450	0 Y	\$2,204	N	Υ	\$932	Y CF				\$40	N	N		Υ	\$36	N	Y	L&M	Υ	SL \$	573 \$1,2	290 \$2,7	293	
TROY WATER DEPARTMENT	\$685.00	\$180.00	FR	N N	1, I N	4, N	N	100 10	0 DC	5		N		N		N	N		Υ	\$1,000	N	N	ľ	Y IN	\$45	\$6	5		Y \$50	N		N		Υ	N		N					
UNH / DURHAM	\$368.00	\$0.00	CB	N N	1, I Y	', I , N	N	100 10	0	27		N		Υ	\$20,000	N	N		Υ	\$400	N	N	,	Y CF				\$50	N	N		N		N	N /		N					
VILLAGE DISTRICT OF EASTMAN	\$602.00	\$0.00	IB	N N	I N	1 2, N	N	100 10	0 HS			Υ		Υ	\$100,000	Y	i0 N		Υ	\$2,500	N	N	ľ	Y IN	L&M	L&	M		Y L&I	/ N		Υ		N	Y	L&M	N					
VILLAGE DISTRICT OF EIDELWEISS	\$350.00																																	4								-
WALPOLE WATER DEPARTMENT	\$523.36	\$112.00	DB	Y N	1, I N	1 2, Y	N	98 10	0 DC,RA	11		N		N		N	Y	\$500	0 Y		N	N	,	Y CF				\$25	N	N		N		Y	Y	L&M	N					
WARNER VILLAGE WATER DISTRICT	\$370.00																																	4								-
WATERVILLE VALLEY WATER DISTRICT			FR	Y N	3, I N	4, N	N	0 10	0 HS			Υ	\$0.60	N		N	N		Υ	\$395	N	N	ľ	Y IN	\$50	\$50	)		N	N		Υ	\$10	N	Y	L&M	N					
WHITEFIELD WATER WORKS	\$230.00	\$165.00	CB	N N	10, I Y	', I 2, N	N	100 10	0			Υ	\$0.40	Υ		Υ	N		Υ	\$1,000	N	N	,	Y IN	\$41	\$4			N	N		Υ	\$50	Y \$	50 N		N					-
WILTON WATER WORKS	\$187.00	\$70.00	CB	N N	10, I N	1 2, N	N	100 10	0 DC			N		Υ	\$50,000	N	Y	\$700	0 Y	\$1,200	N	Υ	\$180	Y CF				\$25	N	Υ	\$25	Υ	\$25	N	N		N					
WOLFEBORO	\$742.25	\$140.00	SF	N N	3, I Y	', I 4, N	N	100 10	0 DC	AN		N		N		N	Y	\$2,4	00 N		N	N	,	Y IN	\$50	\$50	)		N	N		Υ		N	N		N					-
WOODSTOCK WATER	\$269.75	\$165.00	CB	N N	N	1 2, N	N	100 10	0 HS	AN	\$0	N		Υ	\$10,000	Υ	00 N		Υ	\$50	N	N		V					N	N		N		Y	N		N					
WOODSVILLE WATER & LIGHT	\$430.32	\$129.36	CB	N N	10 D Y	' I 12 N	I N	100 10	0 HS RA	AN	SO.	N		Y	\$17	N	Y	\$750	n Y	\$750	N	Y	\$554	Y IN	\$25	\$25	5		Y \$22	5 N		N		Y /	N N	/ /	N	/ 1/	/ /	/   /	/ /	/ /

### 2006 WATER RATE SURVEY QUESTIONNAIRE -CODES USED IN TABULAR SUMMARY-

#### <u>Q4</u>

DB = Declining block rate with increasing water usage

CB = Constant block rate with increasing water usage

IB = Increasing block rate with increasing water usage

FR = Fixture rate

SF = Single fee regardless of usage

OT = Other

## <u>Q6, Q7, Q9, Q10, Q11, Q16A, Q17A, Q17C, Q18A, Q19A, Q20A, Q21A, Q22A, Q23A, Q24A, Q25A, Q26A, Q27A, Q28A</u>

Y = Yes

N = No

### **Q8, Q9**

I = Increase

D = Decrease

### <u>Q14</u>

 $\overline{HS}$  = Walk about hand scribing readings

DC = Walk about with data collectors

RA = Radio

TE = Telephone

DR = Don't Read

OT = Other

#### Q15

AN = As needed

### Q15, Q18B, Q22C, Q23B, Q27B

L&M = Labor and materials

### **Q22B**

 $\overline{IN} = Individually$ 

CF = Combined fee

#### **Q28B**

SL = Service line size

SH = Count of sprinkler heads

NT = None of these